



ENTERED PCT09

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/787,228B

DATE: 04/22/2002

TIME: 14:22:00

Input Set : A:\Pl9830.app

Output Set: N:\CRF3\04222002\I787228B.raw

3 <110> APPLICANT: HINE, ANNA V.
 4 MORGAN, LEONIE J.
 5 SANTOS, ALBERT F.
 6 PALFREY, DAVID
 8 <120> TITLE OF INVENTION: GENE AND PROTEIN LIBRARIES AND METHODS RELATING THERETO
 10 <130> FILE REFERENCE: PL9830
 12 <140> CURRENT APPLICATION NUMBER: 09/787,228B
 C--> 13 <141> CURRENT FILING DATE: 2002-03-08
 15 <150> PRIOR APPLICATION NUMBER: PCT/GB99/03081
 16 <151> PRIOR FILING DATE: 1999-09-14
 18 <150> PRIOR APPLICATION NUMBER: EP 98307434.5
 19 <151> PRIOR FILING DATE: 1998-09-14
 21 <160> NUMBER OF SEQ ID NOS: 4
 23 <170> SOFTWARE: PatentIn Ver. 2.1
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 28
 27 <212> TYPE: PRT
 28 <213> ORGANISM: Artificial Sequence
 30 <220> FEATURE:
 31 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 32 peptide construct
 34 <400> SEQUENCE: 1
 35 Thr Gly Glu Lys Pro Tyr Lys Cys Pro Glu Cys Gly Lys Ser Phe Ser
 36 1 5 10 15
 38 Lys Lys Ser His Leu Val Ala His Gln Arg Thr His
 39 20 25
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 43 <211> LENGTH: 28
 44 <212> TYPE: PRT
 45 <213> ORGANISM: Artificial Sequence
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 48 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 49 peptide construct
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 52 <221> NAME/KEY: MOD_RES
 53 <222> LOCATION: (17)
 54 <223> OTHER INFORMATION: Any amino acid
 56 <220> FEATURE:
 57 <221> NAME/KEY: MOD_RES
 58 <222> LOCATION: (20)
 59 <223> OTHER INFORMATION: Any amino acid
 61 <220> FEATURE:
 62 <221> NAME/KEY: MOD_RES

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63 <222> LOCATION: (23)
64 <223> OTHER INFORMATION: Any amino acid
66 <400> SEQUENCE: 2
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68 1 5 10 15
W--> 70 Xaa Lys Ser Xaa Leu Val Xaa His Gln Arg Thr His
71 20 25
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75 <211> LENGTH: 28
76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence: Zinc finger
81 motif
83 <220> FEATURE:
84 <221> NAME/KEY: MOD_RES
85 <222> LOCATION: (1)
86 <223> OTHER INFORMATION: Tyrosine or Phenylalanine
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89 <221> NAME/KEY: MOD_RES
90 <222> LOCATION: (2)
91 <223> OTHER INFORMATION: Any amino acid
93 <220> FEATURE:
94 <221> NAME/KEY: MOD_RES
95 <222> LOCATION: (4)..(5)
96 <223> OTHER INFORMATION: Any amino acid
98 <220> FEATURE:
99 <221> NAME/KEY: MOD_RES
100 <222> LOCATION: (7)..(9)
101 <223> OTHER INFORMATION: Any amino acid
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105 <222> LOCATION: (11)..(15)
106 <223> OTHER INFORMATION: Any amino acid
108 <220> FEATURE:
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110 <222> LOCATION: (17)..(18)
111 <223> OTHER INFORMATION: Any amino acid
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115 <222> LOCATION: (20)..(22)
116 <223> OTHER INFORMATION: Any amino acid
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121 <223> OTHER INFORMATION: Any amino acid
123 <400> SEQUENCE: 3
W--> 124 Xaa Xaa Cys Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa Xaa Leu
125 1 5 10 15

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W--> 127 Xaa Xaa His Xaa Xaa Xaa His Xaa Xaa Xaa Xaa Xaa
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      133 <212> TYPE: PRT
      134 <213> ORGANISM: Artificial Sequence
      136 <220> FEATURE:
      137 <223> OTHER INFORMATION: Description of Artificial Sequence: Zinc finger
      138 motif
      140 <220> FEATURE:
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      142 <222> LOCATION: (12)
      143 <223> OTHER INFORMATION: Any amino acid
      145 <220> FEATURE:
      146 <221> NAME/KEY: MOD_RES
      147 <222> LOCATION: (15)
      148 <223> OTHER INFORMATION: Any amino acid
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      151 <221> NAME/KEY: MOD_RES
      152 <222> LOCATION: (18)
      153 <223> OTHER INFORMATION: Any amino acid
      155 <400> SEQUENCE: 4
W--> 156 Tyr Lys Cys Pro Glu Cys Gly Lys Ser Phe Ser Xaa Lys Ser Xaa Leu
      157 1          5          10          15
W--> 159 Val Xaa His Gln Arg Thr His Thr Gly Glu Lys Pro
      160          20          25

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/787,228B

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Input Set : A:\P19830.app
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 17,20,23

Seq#:3; Xaa Pos. 1,2,4,5,7,8,9,11,12,13,14,15,17,18,20,21,22,24,25,26,27,28

Seq#:4; Xaa Pos. 12,15,18

VERIFICATION SUMMARY

DATE: 04/22/2002

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Input Set : A:\P19830.app

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:70 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:16
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:16
L:156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:16